

TECHNICAL DATA SHEET - CST 0570/02 - 16/01/2018

PLANIFLEX PF 41

BASIS
Organic fibers, NBR.

GENERAL PROPERTIES AND APPLICATION
Oil resistant gasket material for light to medium loadings.
Very suitable for general applications.

PLANIFLEX PF 41		
		Typical value thickness 2.0 mm
Compressibility ASTM F36	%	9
Recovery ASTM F36	%	60
Relaxation stress DIN 52913 16 hours, 175°C, 50 N/mm ²	N/mm ²	20
Tensile strength DIN 52910	N/mm ²	8
Thickness increase ASTM F146		
1) Oil IRM 903, 5h, 150°C	%	10
2) ASTM Fuel B, 5h, 23°C	%	10
Max operating conditions		
Peak Temperature	°C / °F	180
Continuous Temperature	°C / °F	140
Continuous Temperature with Steam	°C / °F	120
Pressure	Bar / psi	40
Available sizes : (mm) 1.500 x 1.500 and 1.500 x 3.000; (inch) 60" x 60" and 60" x 120"		
Available thickness: (mm) 0,50 ÷ 0,80 ÷ 1,0 ÷ 1,5 ÷ 2,0 ÷ 2,5 ÷ 3,0 ÷ 4,00 ÷ 5,00;		
(inch) 1/64" ÷ 1/32" ÷ 3/64" ÷ 1/16" ÷ 3/32" ÷ 3/32" ÷ 1/8" ÷ 3/16" ÷ 7/32";		
other thickness available on demand.		

Temperature and pressure represent maximum values and should not be used simultaneously. They are given only for guidance, since they depend not only on the type of gasket material but also on the assembly conditions. Very important factors are: thickness of material, nature of service, medium, type of flange, surface stress. Steam application requires special consideration.

- General suitability using common installation practices under the condition of chemical compatibility.
- Max. performance is ensure through appropriate measures for joint design and gasket installation. Consultation is recommended.
- Limited application area - Technical consultation is mandatory.

